

AKIC
1914

The Municipal University of Akron

Akron, Ohio

May, 1915

Annual Reports

For 1914

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OF

BUCHTEL COLLEGE

AKRON, OHIO




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The Municipal University of Akron

ANNUAL REPORTS OF
THE MUNICIPAL UNIVERSITY
OF AKRON

1914



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REPORT OF THE PRESIDENT OF THE UNIVERSITY

TO THE BOARD OF DIRECTORS:

Gentlemen:—

In accordance with the provisions of your by-laws, I hereby submit to you a report of the status of the Municipal University together with statistics of instruction and attendance for the fiscal year 1914:

New Schools Organized

By resolution of the Directors there have been established during the year, as separate units of the University, the College of Engineering (co-operative plan) and the Curtis School of Home Economics. Both schools opened their doors to entering classes in September. The College of Engineering received only Freshmen or first-year students, while the Curtis School received Freshmen and Sophomores.

Admission to North Central Association

On March 20, 1914, the University of Akron was formally put upon the approved list and admitted to membership by the North Central Association of Colleges and Secondary Schools.

Membership in the Ohio College Association

On April 10, 1914, the Ohio College Association voted to accept as a member the Municipal University of Akron in continuation of the old membership held by Buchtel College.

Student Statistics

The following figures are based on the total University enrollment of September, 1914:

	Sept. 1914	Sept. 1913
Upper Classmen	124	107
New Students	116	85
	<hr/>	<hr/>
Totals	240	192
Gain in Freshman Class		36%
Gain in total student body		25%
Total men		149
Total women		91
Number students in		
Buchtel College		181
Curtis School		29
Engineering College		30

Statistics of the Freshman Class

One hundred and twenty new students entered the Municipal University in September, 1914, coming from the following high schools: Akron Central, 52; Akron South, 23; Buchtel Academy, 7; Madison, 1; LeRoy, 1; Canton, 1; Cortland, 1; Sterling, 1; Streetsboro, 2; Kent, 2; Tidioute, Pa., 1; Kiev, Russia, 1; Cincinnati (Walnut Hills), 1; Canal Fulton, 1; Wadsworth, 3; Culver Military Academy, 1; Barberton, 4; Cleveland East, 1; Jamestown, N. Y., 1; Adams, Mass., 1; Mantua, 1; Bath, 1; Ashland, 2; Williamsfield, 1; Pomeroy, 1; Ravenna, 1; Worcester, Mass., 1. Special students of mature age not candidates for a degree, 3.

In addition to the above figures, thirteen students of the senior class of Buchtel Academy are being given their last year of preparation for college entrance. At the end of the present school year all academy work will be discontinued.

Degrees

In accordance with the feeling expressed by the faculty, the giving of honorary degrees will, in the future, be practically discontinued, exception being made only in cases of distinguished merit. No honorary degrees were granted in 1914. A study of the records shows that 55 honorary degrees were granted by Buchtel College during her first 42 years of existence.

Baccalaureate degrees were bestowed during the year 1914 on twenty-one graduates, as follows: A. B. 2; B. S. 12; Ph. B. 7.

Requirements in Course

The practice of receiving Freshmen on high school certification without examination has, as its weakness, the unavoidable intermingling in the first year college class of many students who are necessarily somewhat weak in their preparation for college work. Some high schools recognize this condition by refusing to recommend for college entrance students who do not attain an average grade of at least 80% in their last year of work. On account of the variation in the preparation of high school students, the faculty has adopted the following ruling, which admits the student to freshman work on probation and conditions his continuance in college on his ability to carry the work successfully:

Any freshman failing to receive unconditional credit for at least eight hours at the end of the first semester or of the second semester shall be dropped from the University, and shall be allowed to re-enter only after passing entrance examinations in all subjects.

The strict application of this rule during the school year 1913-1914 resulted in the dropping of 18 Freshman out of a total of 98, seven at the end of the first semester and eleven at the end of the second. Two of this number applied for entrance examination in the following September, both, however, failing on account of the lack of any systematic or sustained effort to gain the additional preparation necessary.

Student Elections

In place of the former haphazard method of holding elections for various student offices, a system has been inaugurated whereby all such elections are conducted under the auspices of a committee of three, consisting of one faculty member and the presidents of the two upper classes. Voting

for all student offices is carried on by ballot on one day during the second semester.

Athletics

At the spring meeting (1914) of the Ohio Conference, application for membership was made by the University of Akron. Probationary membership was granted for one year, with the understanding that permanent membership is assured by adherence to Conference rules during the probationary period. Conference rules were accordingly introduced in the fall of 1914.

Generally speaking, no college activity has shown more healthy indication of uplift and improvement than athletics. A feeling of respect for athletic integrity and honesty seems to pervade the student body and the disregard of many factors vital to clean amateur athletics which was so prevalent among many Ohio Colleges a decade or two ago would not be tolerated today. This gratifying result is due not only to the influence of standards introduced by the Ohio Conference, but also to the increased interest in clean athletics manifested by many of the younger faculty members. The attitude of the faculty has changed from indifference to hearty co-operation and interest, while the physical director has, at all times, used his influence toward bettering athletic conditions. Stability has been given the financial side by the introduction of a student activity fee, a large part of which goes to athletics, and continuity in managerial policy is assured by the appointment of a permanent graduate manager who is also a member of the faculty.

Alumni

One of the important problems confronting the Municipal University is that of welding firmly to the newly organized institution the loyalty of the Buchtel College Alumni and old students. In general, the alumni have looked upon the change as not only necessary, but also highly desirable. It has appealed to them as opening up opportunities for growth and expansion hitherto impossible of realization. The Buchtel College Alumni Association has, however, at best, furnished but a weak bond between graduate and alma mater. This weakness has risen in part from lack of proper organization

of alumni activities and in part from failure on the side of the college itself to encourage a continuance of closer relations after graduation. Such conditions cannot be remedied in a year. The problem of re-creating alumni interest and activity is a many-sided one. The present, however, seems to be a most fitting time for an earnest effort toward uniting all alumni and old students in a bond of common interest and enthusiasm. The certainty of increased and adequate financial support, the unprecedented increase in student numbers, the opening of new departments, the recognition of the college's standards by its admission to the North Central Association, and last but not least important, successful and cleanly conducted athletics, are all powerful stimulants of alumni loyalty. Of these various things the Alumni Association is already beginning to take cognizance. Two important movements have been launched with a view to bringing alumni into closer touch with each other and with the institution. The first of these is the appointment of permanent class secretaries with the plan in view of inaugurating regular five-year class reunions. The second is the establishment of the "Alumni Quarterly," a periodical made possible by the co-operation of the Directors. Its aim shall be to inform even the most distant alumni of the progress of affairs at their college. A general alumni reunion is planned for June, 1915. Such activities give ground for the hope that the alumni body may soon become an important element in the growth of the university.

Faculty

The discontinuance of Buchtel Academy, the establishment of new departments and the strengthening of old ones have brought about many faculty changes and additions. During the year the following resignations have taken place: Charles O. Rundell, B. S., Principal of the Academy; Lloyd Van Doren, Ph. D., Assistant Professor of Chemistry; Dean C. Ober, B. S. in E. E., Instructor in Mathematics and Physics. Charles Bulger, Ph. B., Assistant Professor of German, was granted leave of absence for one year for study.

The following were advanced: K. Dolbeer Smith, B. S., from graduate assistant in chemistry to assistant in the Bureau of Industrial Research; Elizabeth A. Thompson, A.

M., from teacher of History and English in Buchtel Academy to Assistant Professor of History in Buchtel College and Dean of Women.

The following were newly appointed: Fred E. Ayer, C. E., Dean of the College of Engineering and Professor of Civil Engineering; Sarah E. Stimmel, B. S., Director of Curtis School of Home Economics; Albert P. Tuller, A. B., Instructor in Classics and French; J. S. Mathewson, M. E., Instructor in Engineering; W. F. Zimmerli, Ph. D., Instructor in Chemistry; Robert L. Sibley, A. M., Instructor in Chemistry; Edward Von Janinski, B. A., Instructor in German; Eleanor Schmidt, Ph. B., Instructor in German; Max Morris, M. A., Instructor in Mathematics; Albert E. Sidnell, B. S., graduate assistant in Chemistry; Henri Morin, part-time Instructor in French; Julius Boenisch, part-time Instructor in Architectural Design; Christine Smith, part-time Instructor in Physical Training for Women.

Salaries

By action of the Directors, the following maximum salary limits were tentatively established: Full professors, \$2,400; assistant professors, \$1,600; instructors, \$1,200. The highest salary to a full professor at present is \$1,900, but it is hoped that regular yearly increases may be given till the maximum is reached. Experience has shown and doubtless will continue to show the necessity of gradual increases in these maxima in order to secure efficient and uninterrupted service in the various positions. A regular, graded scale of salary increase, altho always necessarily subject to the limitations of income, would be a powerful factor in attracting and holding a strong faculty and should be adopted as soon as possible.

Civic Co-operation

The Department of Civic Co-operation has been established for the purpose of bringing the University in all its departments into close touch with the activities of the city of Akron. The University feels that as an institution of higher learning, supported in large part by municipal taxation, it should give freely to the city all possible practical

aid by means of its instructors and equipment. This help is meant to supplement and guide the work of such city departments (or even private enterprises) as may find expert or technical advice of value in conducting their work.

While the department is not primarily organized as a teaching unit of the University, yet one of its main objects is to bring students into contact with the work of the city and to train them along various lines of practical usefulness to the community. Whenever possible, the actual problems of civic life and administration will be substituted in the various courses of the University for purely theoretical work. The department considers this training as one of the most important branches of its activity.

Various forms of co-operation as carried on during 1914 are outlined below:

Bureau of City Tests—Does all chemical, bacteriological and physical work for the city.

College of Engineering—Has issued report on Akron Pavements and co-operated with manufacturers.

Bureau of Industrial Research—Is organized to do general chemical work for citizens and small manufacturers at cost.

Department of Economics—Is co-operating with Charity Society and Board of Health by furnishing students as investigators and workers, who receive credit at the University for such work.

Various Departments—Have this year opened certain courses—Current Events, Biology, Home Economics, Social Science, English, Classics—to Akron citizens.

The University Directors—Have opened Buchtel Field to the City Amateur Athletic Association.

By Individuals Connected with the University—

The Physical Director has had charge of the City Playgrounds.

The Professor of Biology has been active in the fly exterminating campaign.

The Professor of Economics and the City Chemist are members of the Council's Food Probe Committee.

Students have worked as playground superintendents and paving inspectors.

Combination Courses

Generally speaking, this plan contemplates an attendance of three years at the University of Akron with an additional two, three or four years (depending on the subject chosen) at a technical or professional school. During the fourth year of his course (i. e., the first year at the professional school) the student is counted as a senior in absentia by the University of Akron and at the end of this year returns to receive his Bachelor's degree with his class. By means of such a course, the student is enabled to shorten by one year the six to eight year period otherwise necessary for the acquirement of both college and professional degrees and training.

During the year 1914, definite arrangements for such courses were completed with the Ohio State University (Law and Agriculture) and with Western Reserve Medical School. The faculty is willing to give the opportunity for combination courses with any technical or professional school of the first class.

Publications

During the year 1914, the University has issued and distributed to those interested the following publications:

A Preliminary Announcement of Courses.

A History of the Establishment of the Municipal University.

By-Laws of the Directors and State Laws Governing the University.

The Annual Catalog.

Announcement of the College of Engineering for 1914-1915.

Announcement of the Curtis School of Home Economics for 1914-1915.

Alumni Directory (published by the Alumni Association).

Akron Pavements (issued by the Dean of the Engineering College).

Courses of Interest to Akron Citizens.

University Seal

Soon after the founding of the Municipal University students were urged to submit designs for a new seal which should preserve the old seal of Buchtel College and at the same time be representative of the new institution. From among those thus submitted the design of George Mapes, Class of '16, was chosen and adopted. It represents the original seal of Buchtel College, surrounded by a circle in which appears "Municipal University of Akron, Ohio," and below "Established Dec. 15, 1913."

Lectures and Addresses

For the college year 1914-1915 an effort is being made to obtain speakers for student assembly, and prominent citizens have been invited to address the students on these occasions. It is also the desire of the faculty that during each school year, a program of evening lectures be given for the benefit of students, faculty, and general public, by men of prominence and authority in various activities. The purpose of such lectures is not merely to entertain, but also to present in scholarly manner the achievements of science, art, literature, travel, etc. The first lectures for 1914-1915 were delivered by Mr. Charles J. Woodbury, friend of Emerson, on the Concord group.

Needs and Aims of the University

The rapid growth of the last ten years would indicate that the University must expect, within a few years, to provide accommodation and instruction for from four to five hundred students. The present plant will doubtless be taxed to its utmost capacity within two years' time, hence a general review of needs for the future is desirable. For the next five-year period the following items of expansion appear as the most necessary :

Buchtel College

Additional class rooms.

Division of Mathematics and Physics into separate departments.

Increased teaching force in freshman and sophomore subjects.

Additional Library accommodation.

Men's Union Building for all university men.

College of Engineering

Development of faculty.

New building and equipment.

Curtis School of Home Economics

Development of faculty.

Increased laboratory accommodations.

General Needs

Administration building with assembly hall.

Renovation and re-equipment of the gymnasium.

Organization of a registrar's office.

The immediate calls for the development of the University's work are many. Two of these seem to be of greater importance than the rest:

1. The establishment of a Department of Education, where prospective teachers may receive normal training during their college course. The need is rendered especially imperative by the provisions of the new state school law. It is hoped that a plan of co-operation may be worked out with the city normal school.

2. The establishment of a Municipal Reference Bureau. Such a bureau would provide necessary information for the members of the city council and for all city officials. Its work would not be that of research, but rather that of gathering and rendering accessible all valuable information on municipal affairs.

Additional fields of expansion and helpfulness are numerous. Evening classes and summer school work would, for example, add much to the usefulness of the University. It should, however, in the opinion of the writer, be the unvarying policy of the University to build firmly even though the edifice be not of all encompassing dimensions. One strong, well equipped, well manned department or school can offer

more real service than two weak ones. Extreme caution in the avoidance of over expansion should mark the policy of the institution and thorough and efficient service should be ever the first consideration. In conclusion, the writer wishes to express to the Directors and Faculty his sincere appreciation of their efforts in establishing and building up the City University.

Respectfully submitted,

P. R. KOLBE, *President.*

REPORT OF DEAN OF BUCHTEL COLLEGE

To the President:

As Dean of Buchtel College of Liberal Arts, I have the honor to submit the following report of student enrollment for the calendar year 1914:

The total registration for the semester beginning September, 1914 was	181
Men	120
Women	61
Total	181

They are classified as follows:

Seniors	11
Juniors	26
Sophomores	33
Freshmen (of these, 39 were last year's freshmen who failed of promotion, or freshmen of former years re-entering college)	101
Total	181

There were 66 new students:

Freshmen	62
Sophomores	1
Special students	3
Total	66

Of the new students, 3 entered from other colleges.

The distribution of the new students according to the location of their preparatory schools is interesting, as showing

that more than 75 per cent are graduates of the high schools of Akron :

Akron	50
Summit County outside of Akron	2
Ohio outside of Summit County	11

Other states—

Pennsylvania	1
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Foreign countries—

Russia	1
Wales	1

Total	66
-------------	----

Of the 177 students enrolled in 1913-1914, 61 failed to return in September :

	Returned	Did not return	Total	Went to other colleges
Juniors	18 (21)	9 (6)	27	4
Sophomores	36	9	45	1
Freshmen	55	36	91	4
Specials	7	7	14	1
Total	116	61	177	10

Of the 36 freshmen who did not return, 18, or 50 per cent, were prohibited from continuing in Buchtel College because they failed to pass in eight hours' work.

Of the 5 juniors who entered other colleges, 3 did so to take combination courses in professional subjects and in arts, and will take their bachelor's degree here next June; hence, they should hardly be regarded as students who failed to return. One of them is taking the combined Arts-Law Course with Ohio State University; one, a combined Arts-Medicine Course with Cornell University; and one, a combined Arts-Engineering Course with the same institution.

A. I. SPANTON, *Dean of Buchtel College.*

REPORT OF THE DEAN OF THE ENGINEERING COLLEGE

To the President:

As Dean of the College of Engineering, I have the honor of submitting the following report for the calendar year 1914:

Commencing work on March 1, 1914, I found the manufacturers very much interested in the Cincinnati Plan of Co-operative Engineering Education and had no difficulty in securing places for an entering class of thirty.

Distribution as to location is:

Akron	16
Summit County outside of Akron	3
Ohio outside of Summit County	9

Other States—

Massachusetts	2
---------------------	---

Total	30
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Distribution as to courses:

Mechanical and Electrical Engineering	22
Civil Engineering	8

Total	30
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The following firms are co-operating with the University:

Adamson Machine Company.
 Atlantic Foundry Company.
 Carmichael Construction Company.
 Firestone Tire & Rubber Company.
 B. F. Goodrich Company.
 Goodyear Tire & Rubber Company.
 Railroad.

Whitman-Barnes Manufacturing Company.

Five other firms have signified their willingness to co-operate but were unable to do so this year owing to the industrial depression.

Respectfully submitted,

FRED E. AYER, *Dean.*

REPORT OF THE DIRECTOR OF THE CURTIS SCHOOL OF HOME ECONOMICS

To the President:

As Director of the Curtis School of Home Economics, I have the honor herewith to submit the following report for the calendar year 1914.

The work of the first two years of the four years' course in Home Economics was opened to students in September, 1914, with an enrollment of twenty-nine young women, classified as follows:

Freshmen	15
Sophomores	6
Juniors	2
Special	6

Besides this number eight students in the School of Liberal Arts elected work in Home Economics.

The distribution of these students as to classes is:

First year's work	29
Second year's work	10

Of these young women just entering, eighteen have entered the University from the Akron High Schools, one from California and one from New York.

SARAH E. STIMMEL, *Director of Curtis School.*

REPORT OF THE LIBRARIAN

To the President:

I submit herewith a report of the work of Bierce Library for the year 1914. During the year, 850 volumes have been accessioned, catalogued and placed on the shelves. Of these, 182 volumes are bound magazines. For reference use, there have been added the 1911 edition of the Encyclopedia Britannica, the 8 volumes already issued of the revised New International Encyclopedia, Cyclopedia of American Government and the new edition of the Century Dictionary. Other additions comprise

100 volumes for the German Department.

65 volumes for the Engineering Department.

200 volumes for the English Department.

74 volumes for the Romance Languages Department.

57 volumes for the History Department.

50 volumes for the Economics Department.

21 volumes for the Greek and Latin Department.

11 volumes for the Chemistry Department.

The balance was purchased from the general library fund.

Several additions have been made to the periodical list and we have had in the reading room:

7 daily papers.

15 weeklies.

32 monthly and quarterly publications.

Our thanks are due Mr. Tomlinson, Class of '80, and Mrs. M. J. Stebbins of Churchville, N. Y., for gifts of magazine subscriptions for the year.

Reference has been made to the additions through binding of magazines. As no binding had been done for several years, there was on hand an accumulation of unbound volumes, and there still remain approximately 350 volumes in addition to the 100 just sent to the bindery, and the rapidly increasing number of current volumes. Could these be bound and lacks in set filled in, it would add materially to the value of our reference files.

In the spring of 1914, in connection with the work in

English, the Librarian gave instruction to the Freshmen on use of reference books and card catalog, and also did the same work with the incoming class in the fall. This feature, to be most effective, should be given more time in the future.

Mention should be made of the fact that Bierce Library has responded to occasional calls from city people for loan of books and magazines for individual and club use. Doubtless this service would be larger had we the room and help to place at the disposal of residents, thus adding another means of co-operation in service to the city.

We are much indebted to the Librarian and staff of the Public Library for continued courtesies and liberality in lending books for use at the University.

Respectfully submitted,

RENA B. FINDLEY, *Librarian.*

REPORT OF THE KNIGHT CHEMICAL LABORATORY

To the President:

This report includes that of the Department of Chemistry of the University, The Bureau of City Tests, and the Bureau of Municipal Research.

Chemical Department of the University

The donations to the laboratory during the past year have been as follows:

Samples toward a Chemical Museum were received from the following companies:

Picher Lead Company, Katzenbach & Bullock Company, Industrial Chemical Company, H. F. Taintor Mfg. Company, Westmoreland Chemical & Color Company, Hemingway & Company, Corn Products Refining Company, H. W. French, Robert Badenhop, Walpole Tire & Rubber Company.

In anticipation of a large entering class the desk accommodations in the General Laboratory were doubled during the summer of 1914.

In the Liberal Arts Courses one hundred and fifty-six students were enrolled; in the new course for the Engineering School twenty-eight students; in the new course for the School of Home Economics twelve students, a total of one hundred and ninety-six students in the department.

H. E. SIMMONS, *Director Knight Laboratory.*

REPORT OF THE BUREAU OF INDUSTRIAL RESEARCH

The department, known as the Bureau of Industrial Research, is located in the Knight Chemical Laboratory. This department was opened September 1, 1914.

Besides taking up the analyses which ordinarily come to the laboratory, letters were sent to all the laundries and cleaning establishments in the city, explaining of what benefit this department might be to them. Several concerns have taken advantage of this opportunity by coming to the laboratory for advice along chemical lines. We visited several plants and took up their problems with them, making analyses of the water, soaps, etc., which they were using.

Analytical work, along various lines, has been done for many small concerns in the city and the immediate vicinity whose work is not sufficient to warrant the constant services of a chemist.

We are preparing to take up the work of the various industries which are represented here. There is reason to believe that chemical work is constantly being sent out of the city, which could be done in Akron at less expense and also without the loss of time consumed in sending this work away. It is our aim to meet this situation as the opportunity offers itself.

C. M. KNIGHT.

BUREAU OF CITY TESTS

I take pleasure in submitting to you a report concerning the work covered by your Bureau of City Tests during the first year of its existence, 1914.

For the Board of Education:—

Four samples of fertilizer examined for quality.

Your Bureau is co-operating with the Board of Education by examining smears submitted by the school physician and his corps of nurses, for diphtheria. This work was begun the first of November and Dr. Tuholske is quite pleased with results already gained, especially in the detecting of the mild cases of diphtheria that might otherwise pass unnoticed and spread the infection.

For the Safety Department:—

Investigation of a fire concerning probability of spontaneous combustion.

Examination of gas stoves for efficiency of combustion.

Called in conference with Service Department in regard to storage of gasoline and similar liquids.

For the Service Department:—

Examination of paint.

Examination of paint work on structural iron.

Examination of prepared expansion joints for paving.

Examination of asphalt.

Examination of eight samples of sand.

Examination of 152 carloads of cement. During the year the product of one cement factory was refused by the new Water Works Department on the findings of your Bureau, while several carloads were condemned, being below specification.

Advice was also given by your Bureau to the Street Cleaning Department in regard to several miscellaneous matters.

For the Board of Health:—

Bacteriological examinations for diphtheria.....	471
Miscellaneous bacteriological examinations	34
Examination of milk	35
Examination of oleomargarine, butter and lard	6
Examination of ice cream	3
Examination of vinegar	12
Examination of cake-mix, wiener wurst and candy for coloring	3
Examination of stomach of hog, custard pie, meat loaf, coffee, tonic and whiskey for poisoning	11
Examination of liquors for alcohol	3
Examination of miscellaneous food products for quality	11
Examination of air in moving picture theatre...	1
Examination of urine	3
Examination of food products for vermin	2
Examination of public water supplies	88
Examination of spring water supplies	64

Such special problems as concerning the quality of flour that had passed through a sulphus fumigation, concerning the quality of canned goods that had passed through a fire and concerning the advisability of the use of paper bottles for food products, were presented to your Bureau.

During the summer months the spring water offered for sale in the city was analyzed each week to insure purity, and in the course of the work it became necessary to close three supplies.

During the year the disinfection of the city supply of water was overseen by your Bureau and the water analyzed from time to time.

The total number of actual analyses would probably approach a thousand.

In regard to the testing of cement the converting of this into financial terms would mean an actual saving to the city of over \$750.00.

In pursuit of the above work attendance is required at the laboratory for a few hours on Sunday as well as on regular week days.

I would again bring to your attention the necessity of having a permanent assistant in this department, as there is opportunity for a great increase in this work, especially on the bacteriological side for the benefit of the public health. This need is further increased because of the fact that in the coming year this department is called upon to give a course in Bacteriology, which will require considerable time.

I would also again refer to the need of a brick testing machine inasmuch as this has been asked for by the City Engineer in his annual report.

In conclusion, it gives me pleasure to report that the past year has shown that the change from City Laboratory to your Bureau has been of marked benefit, resulting both in the establishment of more pleasant surroundings for the department and in the increase of facilities for broadening the scope of its work for the city.

Respectfully submitted,

A. E. HARDGROVE, *Director.*

REPORT OF THE CLERK OF THE BOARD OF DIRECTORS

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EXHIBIT I

CASH RECEIPTS AND DISBURSEMENTS DEC. 15, 1913 TO DEC. 31, 1914.

1. For Current Account

	Received	Disbursed	Balance Dec. 31, 1914.
General Fund	\$ 65,432.26	\$ 63,272.05	\$ 2,160.21
Book Store	3,022.85	2,976.98	45.87
Contingent Interest Fund	793.43	785.61	7.82
	\$ 69,248.54	\$ 67,034.64	\$ 2,213.90
2. Buchtel College Endowment.....	41,478.35		
Buchtel College Accounts	3,960.30	42,218.66	3,219.99
3. Mrs. Stebbins' Book Fund	20.00	20.00	
4. Prizes—Alumni	224.07	125.00	99.07
Ashton	123.61	120.00	3.61
	\$ 347.68	245.00	102.68
Totals	115,054.87	109,518.30	5,536.57
Dec. 31, 1914—Cash in City Treasury			5,218.96
Dec. 31, 1914—Cash in Univ. Office			317.61
			5,536.57
The following funds are deposited in the First-Second National Bank, Akron.			
5. Student Activities	1,522.66	1,378.22	144.44
6. Breakage Deposits	1,445.00	649.44	795.56

EXHIBIT II

ASSET AND LIABILITY BALANCE SHEET DEC. 31, 1914.

GENERAL ACCOUNT

Assets

Cash in City Treasury	\$1,896.29	
Cash in Clerk's Office	317.61	\$ 2,213.90
Accounts Receivable		1,069.32
Notes Receivable		1,865.45
Insurance Premiums Prepaid		659.25
Book Store Inventory		1,399.86
		<hr/>
		\$ 7,207.78

Liabilities and Reserves

Accounts Payable	\$ 1,578.01
Reserve for Scholarships to be allowed at end of Semester	338.50
Excess of Assets, General Account	5,291.27
	<hr/>
	\$ 7,207.78

EDUCATIONAL PLANT

Assets

Lands—Schedule C	\$ 93,000.00
Buildings—Schedule C	170,922.85
Library Books	13,690.79
Scientific Equipment—Schedule D	12,759.64
Furniture and Fixtures	7,831.06
	<hr/>
	\$298,204.34

Liabilities

Accounts Payable	\$ 834.15
Net Value of Educational Plant	297,470.19
	<hr/>
	\$298,304.34

ENDOWMENT FUND

Assets

Lands—Schedule E	\$ 4,800.00
Mortgage Notes	49,377.31
Bonds and Stocks	2,500.00
Orig. Pledges to Alumni Fund (Int. Bearing)	1,215.00
Orig. Pledges to 1910 Buchtel College Endowment	35,000.00
Cash in City Treasury	\$3,219.99
Cash in First-Second Nat'l Bank (certif.)	1,000.00
	<hr/>
	\$ 97,112.30

Liabilities

Balance Unpaid on Liabilities of Buchtel College	\$ 8,401.09
Endowment Buchtel College	82,753.21
Ashton Prize Fund	3,000.00
Alumni Prize Fund	2,958.00
	<hr/>
	\$ 97,112.30

*SUNDRY TRUSTS**Assets*

Cash—City Treasury	\$ 102.68	
Cash—First-Second Nat'l Bank	940.00	\$ 1,042.68
Accounts Receivable		5.00
	<hr/>	<hr/>
		\$ 1,047.68

Liabilities

Prizes—Accumulated Income	\$ 102.68
Breakage Deposits	\$ 795.56
Student Activities	149.44
	<hr/>
	\$ 1,047.68

EXHIBIT III

CURRENT OPERATING ACCOUNT YEAR ENDING

DEC. 31, 1914.

Expense—(Schedule A)

Administration	\$ 11,272.17
Buildings and Grounds	9,871.91
Instruction	38,051.76
Collateral Departments	3,726.58
Property Investments	177.68
Annuities	1,855.65
Dormitory	1,279.90
Refunds	73.48
Prizes Paid	245.00
	<hr/>
Total	\$ 66,554.13

Revenue (Schedule B)

Taxes	\$ 50,802.93
Students' Fees	9,038.36
Interest	4,348.76
Rents	1,036.30
Book Store (net profit)	396.35
Miscellaneous Sources	114.17
Donation—Stebbins Book Fund	20.00
Bureau of Ind. Research	67.00
Refund, Salary Over-Payment	10.00
Excess of Expenses	720.26
	<hr/>
Total	\$ 66,554.13

ACCOUNT WITH OLD BUCHTEL COLLEGE CLAIMS

Total Amount of Claims Outstanding Dec. 15, 1913	\$ 59,379.37
Interest Accrued to First-Second Nat'l Bank on Renewals	1,240.38

Total	\$ 60,619.75
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Income Applied in Liquidation

Cash from Buchtel College	\$ 1,336.73
Old Bills Receivable Paid in	453.32
Interest Received on End. Notes up as Collateral	2,266.25
Principal of Moneys Received on End. Notes	48,162.36
Balance of Claims Still Outstanding	8,401.09

Total	\$ 60,619.75
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ENDOWMENT FUND OPERATIONS

Receipts

Principal of Funds Paid in	\$ 51,382.35
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Total	\$ 51,382.35
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Disbursements

Amount Applied to Old Buchtel College Claims	\$ 48,162.36
Balance Cash in City Treasury	3,219.99

Total	\$ 51,382.35
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SCHEDULES SUPPORTING FINANCIAL STATEMENT OF DEC. 31, 1914.

Schedule A

Detail statement of expenses for the year ending Dec. 31, 1914:

C. Administration—

Salaries—

	Jan.-June		July-Dec.		For the year	
	Approp.	Expense	Approp.	Expense	Approp.	Expense
President	\$ 1,500.00	\$ 1,500.00	\$ 1,750.00	\$ 1,750.00	\$ 3,250.00	\$ 3,250.00
Dean of Buchtel College	120.00	100.00	80.00	100.00	220.00	200.00
Dean of Women			80.00	80.00	80.00	80.00
Vice President of Faculty	60.00	50.00	40.00	50.00	110.00	100.00
Clerk of the Board	600.00	600.00	600.00	600.00	1,200.00	1,200.00
Secretary to the President	450.00	450.00	450.00	450.00	900.00	900.00
Stenographer	270.00	270.00	300.00	300.00	570.00	570.00
Additional Clerical Help	100.00	10.00	50.00	22.50	150.00	32.50

Expense—

Postage	200.00	236.00	100.00	207.64	300.00	443.64
Printing and Stationery	700.00	1,575.51	200.00	410.32	900.00	1,985.83
Advertising	200.00	178.08	150.00	37.71	350.00	215.79
Telephones	125.00	160.52	125.00	135.05	250.00	295.57
Public Observances	300.00	173.00	50.00	58.30	350.00	231.30
Field Work	500.00	585.30	400.00	409.47	900.00	994.77
Miscellaneous Items	200.00	638.05	200.00	134.72	400.00	772.77

Total Administration	\$ 5,325.00	\$ 6,526.46	\$ 4,575.00	\$ 4,745.71	\$ 9,900.00	\$ 11,272.17
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D. Buildings and Grounds—	Jan.-June		July-Dec.		For the year	
	Approp.	Expense	Approp.	Expense	Approp.	Expense
<i>Salaries—</i>						
Engineer	600.00	\$ 600.00	\$ 600.00	\$ 600.00	\$ 1,200.00	\$ 1,200.00
Fireman	300.00	300.00	360.00	360.00	660.00	660.00
Janitors	288.00	278.00	192.00	263.00	480.00	541.00
Athletic Field Caretaker	150.00	150.00	250.00	250.00	400.00	400.00
Miscellaneous Help	100.00	163.59	150.00	336.05	250.00	499.64
<i>Expense—</i>						
Janitors' Supplies	100.00	98.80	50.00	150.51	150.00	249.31
Repairs to Buildings	800.00	484.90	1,000.00	2,400.88	1,800.00	2,885.78
Upkeep of Campus	100.00	109.15	150.00	17.67	250.00	126.82
Furniture and Fixtures	200.00	14.23	200.00	280.39	400.00	294.62
Repair to Equipment	425.00	122.91	50.00	566.41	475.00	689.32
Insurance	50.00	118.90	100.00	100.01	150.00	218.91
Freight and Cartage	100.00	10.94	50.00	57.03	150.00	67.97
Coal	800.00	931.31	300.00	312.38	1,100.00	1,243.69
Gas and Electric	150.00	247.82	250.00	188.43	400.00	436.25
Light and Heat Equipment	50.00		50.00	108.40	100.00	108.40
Street Assessments			100.00		100.00	
Miscellaneous	100.00	135.66	50.00	114.54	150.00	250.20
Total Building and Grounds..\$	4,313.00	\$ 3,766.21	\$ 3,902.00	\$ 6,105.70	\$ 8,215.00	\$ 9,871.91

E. Instruction—

Salaries—

	Jan.-June		July-Dec.		For the year	
	Approp.	Expense	Approp.	Expense	Approp.	Expense
Chemistry—Directors of Research	450.00	\$ 450.00	(See Bureau Ind. Research)	\$	450.00	\$ 450.00
Professor	1,020.00	1,020.00	680.00	\$ 680.00	1,700.00	1,700.00
Assistant Professor	840.00	840.00	560.00	480.00	1,400.00	1,320.00
Instructor			480.00	440.00	600.00	440.00
Graduate Assistant	360.00	360.00	240.00	240.00	600.00	600.00
Student Assistant	60.00	50.00	40.00	40.00	100.00	90.00
Latin and Greek Professor	1,020.00	1,020.00	760.00	760.00	1,780.00	1,780.00
Biology Professor	840.00	840.00	600.00	600.00	1,440.00	1,440.00
Student Assistant	60.00	50.00	40.00	40.00	100.00	90.00
Economics Professor	1,020.00	1,020.00	760.00	760.00	1,780.00	1,780.00
History—Assistant Professor	720.00	720.00	480.00	480.00	1,200.00	1,200.00
English Professor	1,020.00	1,020.00	760.00	760.00	1,780.00	1,780.00
Assistant Professor	840.00	840.00	560.00	560.00	1,400.00	1,400.00
Student Assistant	60.00	52.50	40.00	43.00	100.00	95.50
Romance Language—Assistant Professor	720.00	720.00	480.00	480.00	1,200.00	1,200.00
Instructor			440.00	440.00	440.00	440.00
Student Assistant	60.00		40.00	40.00	100.00	40.00
Lecturer			30.00	27.00	30.00	27.00
Math. and Physics—Professor..	1,020.00	1,020.00	680.00	680.00	1,700.00	1,700.00
Assistant Professor	480.00	480.00	320.00	320.00	800.00	800.00
Instructor	480.00	480.00	400.00	360.00	880.00	840.00
Student Assistant	60.00	50.00	40.00	40.00	100.00	90.00
German—Assistant Professor..	900.00	900.00	600.00	600.00	1,500.00	1,500.00
Assistant Professor	900.00	900.00	480.00	480.00	1,380.00	1,380.00
Student Assistant	60.00	50.00	40.00	40.00	100.00	90.00
Oratory—Instructor	300.00	540.00	360.00	360.00	660.00	900.00

Physical Culture—Director of Men	1,020.00	1,020.00	680.00	680.00	1,700.00	1,700.00
Director of Women	150.00	81.00			150.00	81.00
Academy Instructor Mathematics and Physics	600.00	600.00			600.00	600.00
Instructor Latin	480.00	480.00			480.00	480.00
Instructor English and German	480.00	480.00			480.00	480.00
Engineering College—Dean and Professor	934.00	933.33	1,400.00	1,400.00	2,334.00	2,333.33
Instructor			459.00	412.50	459.00	412.50
Secretary to the Dean	180.00	180.00	300.00	300.00	480.00	480.00
Home Economics—Director			600.00	540.00	600.00	540.00
Assistant			120.00	120.00	120.00	120.00
Library—Librarian	400.00	400.00	400.00	400.00	800.00	800.00
Assistant	50.00	34.60	50.00	45.00	100.00	79.60
Contingent Teaching	300.00	20.25	200.00	307.00	500.00	327.25
Departmental Expenses—						
Chemistry	500.00	585.96	650.00	1,368.82	1,150.00	1,954.78
Latin and Greek	80.00	81.20	40.00	39.76	120.00	120.96
Biology	130.00	110.39	145.00	202.09	275.00	312.48
Economics and Philosophy	100.00	90.87		15.18	100.00	106.05
History	25.00	25.50	25.00	12.19	50.00	37.69
English	100.00	101.15	50.00	53.03	150.00	154.18
Romance Language	50.00	30.51	50.00	44.27	100.00	74.78
Mathematics and Physics	60.00	149.05	490.00	419.63	550.00	568.68
German	75.00	72.34	50.00	42.02	125.00	114.36
Engineering College	100.00	161.31	275.00	190.65	375.00	351.96
Home Economics			1,850.00	1,884.56	1,850.00	1,884.56
Library	285.00	213.90	315.00	541.64	600.00	755.54
Miscellaneous		9.56				9.56
Total Instruction	\$ 19,390.00	\$ 19,283.42	\$ 18,059.00	\$ 18,768.34	\$ 37,499.00	\$ 38,051.76

F. Collateral Departments—

Salaries—

Bureau Industrial Research Director
 Assistant
 Bureau City Tests—Director
 Assistant
 Two Student Assistants

Expense—

Bureau Ind. Research
 Bureau City Tests
 Paving Investigation

	Jan.-June		July-Dec.		For the year	
	Approp.	Expense	Approp.	Expense	Approp.	Expense
Bureau Industrial Research Director	(included under instruc.)		\$ 300.00	\$ 300.00	\$ 300.00	\$ 300.00
Assistant			400.00	400.00	400.00	400.00
Bureau City Tests—Director	\$ 750.00	\$ 750.00	850.00	850.00	1,600.00	1,600.00
Assistant			125.00	150.00	125.00	150.00
Two Student Assistants			80.00	80.00	80.00	80.00
<i>Expense—</i>						
Bureau Ind. Research			100.00	109.40	100.00	109.40
Bureau City Tests	238.00	310.64	358.00	268.47	596.00	579.11
Paving Investigation		189.47		318.60		508.07
Total Collateral Departments	\$ 988.00	\$ 1,250.11	\$ 2,213.00	\$ 2,476.47	\$ 3,201.00	\$ 3,726.58
Prizes—Ashton	\$ 120.00	\$ 120.00	60.00		180.00	\$ 120.00
Alumni	150.00	125.00			150.00	125.00
Total Prizes	\$ 270.00	\$ 245.00	60.00		330.00	\$ 245.00
Property Investments	\$ 126.00	\$ 87.05	193.00	\$ 90.63	319.00	\$ 177.68
Annunities—Frisbee	1,074.00	\$ 1,073.65			\$ 1,074.00	\$ 1,073.65
Willson	200.00	200.00	200.00	\$ 200.00	400.00	400.00
Canfield	76.00	76.00	76.00	76.00	152.00	152.00
Morris	40.00	40.00	40.00	40.00	80.00	80.00
Crosley	75.00	75.00	75.00	75.00	150.00	150.00
McColleser			60.00		60.00	
Total Annunities	\$ 1,465.00	\$ 1,464.65	\$ 451.00	\$ 391.00	\$ 1,916.00	\$ 1,855.65

	Jan.-June		July-Dec.		For the year	
	Approp.	Expense	Approp.	Expense	Approp.	Expense
I. Dormitory—						
Salaries	\$ 835.00	\$ 545.25			\$ 835.00	\$ 545.25
Expenses	1,260.00	728.67		\$ 5.98	1,260.00	734.65
Total Dormitory	\$ 2,095.00	\$ 1,273.92		\$ 5.98	\$ 2,095.00	\$ 1,279.90
K. Refunders		\$ 38.66		\$ 34.82		\$ 73.48
Total Salaries	\$ 24,007.00	\$ 23,418.52		\$ 20,896.05		\$ 44,314.59
Total Expenses	9,965.00	10,516.96		8,676.00		12,239.54
Total of all	\$ 33,972.00	\$ 33,945.48		\$ 29,453.00	\$ 63,425.00	\$ 66,554.13

Schedule B

The following is a detailed statement of the revenue of the University for year ending Dec. 31, 1914.

	Revenue	Budget estimates	Deficiency	Excess
1. Taxes	\$ 50,802.93	\$ 53,000.00	\$ 2,197.07	
2. Students' Fees—				
Tuition	\$ 3,798.00			
Incidental Fees	3,355.59			
Chemistry Fees	1,400.77			
Physics Fees	138.00			
Biology Fees	103.00			
Surveying Fees	63.00			
Diploma Fees	105.00			
Home Economics Fees	75.00			
Interest—on Endowment Funds	9,038.36	4,000.00		\$ 5,038.36
Current Account	3,512.89			
Contingent Account	773.43			
On other Notes Receivable	4,348.76	4,800.00		451.24

	Approp. Jan.-June	Expense Jan.-June	Approp. July-Dec.	Expense July-Dec.	Approp. For the year	Expense For the year
4. Rents—267 Carroll		\$ 149.80				
261 Carroll		132.00				
249 Carroll		325.00				
Gymnasium		102.00				
Curtis Cottage		20.00				
Athletic Field		307.50				
			\$ 1,036.30		\$ 1,036.30	
5. Book Store—						
Inventory Dec. 15, 1913	\$ 998.99					
Books and Stationery purchased	2,948.87					
Salaries Paid	80.00	\$ 4,027.86				
Receipts from Sales	3,024.35					
Inventory Dec. 31, 1914	1,399.86	4,424.21				
Net Profit						
6. Mrs. Stebbins Donation for books			396.35			396.35
7. Bureau of Industrial Research			20.00			20.00
8. Refund—Salary Overpaid Miss Smith			67.00			67.00
9. Miscellaneous Sources			10.00			10.00
			114.17			114.17
Total			\$ 65,833.87	\$ 61,800.00	\$ 2,648.31	\$ 6,682.18
Excess of Revenue Over Budget Estimate			\$ 4,033.87		\$	\$ 4,033.87

Schedule C

The following is a list of lands and buildings comprising the Educational Plant as of December 31, 1914:

Lands—

Campus	\$ 65,000.00
Athletic Field	28,000.00
Total	\$ 93,000.00

Buildings—

Buchtel Hall	\$ 50,000.00
Chemical Building	30,000.00
Engineering Building	25,419.21
Gymnasium Building	30,636.07
Heating Plant	10,000.00
Observatory	1,000.00
Curtis Cottage	11,367.57
Athletic Field Improvements	1,400.00
Pres. House	5,000.00
249 Carroll (Robinson)	2,000.00
261 Carroll (Shick)	800.00
265 Carroll (Lee)	1,500.00
267 Carroll (Schmidt)	1,800.00
Total	\$170,922.85

NOTE—See Schedule E for other lands representing invested funds.

Schedule D

Inventory of Scientific Equipment, Dec. 31, 1914.

Scientific Equipment—

Maps and Charts	\$ 100.00
Mathematical and Astronomical Apparatus	3,116.95
Natural History Collection	2,500.00
Natural Science Apparatus	1,251.00
Greek Art Equipment	374.32
Chemical Apparatus	1,783.20
Physics Apparatus	3,378.77
Bureau Ind. Research	75.00
Bureau City Tests Apparatus	180.40
Total	\$ 12,759.64

Schedule E

The following are parcels of land representing invested funds of the University:

Trust Estates. (Lands other than those of the Educational Plant.)	
5 Cleveland Lots	\$1,000.00
1 Kenmore Lot	500.00
4 Willson Lots (Akron)	1,800.00
3 Morris, N. Y. City Lots	1,000.00
1 Norris (Akron) Lot	500.00
1 Delhi Cemetery (Cincinnati)	
Total	<u>\$4,800.00</u>

NOTE—See Schedule C for lands representing the Educational Plant of the University.

C. R. OLIN, *Clerk of the Board of Directors.*

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